

# **“The Judah Folkman Research Lecture: From Bench to Battlefield to Bedside and Back”**

CHARLES L. RICE, M.D.  
PRESIDENT

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES



# Judah Folkman, M.D.



February 24, 1933 - January 14, 2008



# The Establishment of the Uniformed Services University of the Health Sciences

Public Law 92-426 enacted September 21, 1972



Rep. F. Edward Hébert; D-La.  
1901 - 1979



Groundbreaking 10 July  
1975  
Gerald R. Ford  
*President of the United  
States*  
David Packard



# Your Health Sciences University: The Academic Core of the MHS



# Field Exercises

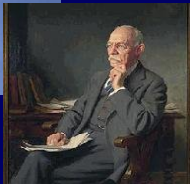


# Deployment



**Bruce Schoneboom, Ph.D**  
**USU Class of 2000**  
**Acting Dean Graduate School of Nursing**  
**Deployed Afghanistan 2006**





**William Stewart Halsted, M.D.**  
1852-1922  
*1st Chair of Surgery*  
The Johns Hopkins University  
School of Medicine



# THE CHRONICLE OF HIGHER EDUCATION

## ***"For the Health-Care Work Force, A Critical Prognosis"***

DANIEL W. RAHN and STEVEN A. WARTMAN  
November 2, 2007

***"The United States faces a looming shortage of many types of health-care professionals, including nurses, physicians, dentists, pharmacists, and allied-health and public-health workers. The results will be felt acutely within the next 10 years ----"***





# DOLE-SHALALA COMMISSION ISSUES REPORT

-- CALLS FOR SWEEPING CHANGES IN MILITARY AND VA HEALTHCARE --



## **The President's Commission on Care for America's Wounded Warrior's approved 6 recommendations:**

1. Immediately Create Comprehensive Recovery Plans to Provide the Right Care and Support at the Right Time in the Right Place
2. Completely Restructure the Disability Determination and Compensation Systems
3. Aggressively Prevent and Treat Post-Traumatic Stress Disorder and Traumatic Brain Injury
4. Significantly Strengthen Support for Families
5. Rapidly Transfer Patient Information Between DoD and VA
6. Strongly Support Walter Reed By Recruiting and Retaining First Rate Professionals Through 2011

VA NEWS FLASH from Larry Scott at VA Watchdog dot Org -- 07-26-2007



# **“One family, five Guard members, one deployment - and one strong wife and mother”**



Five members of Cathy Hammack's family are serving in Iraq, all are serving with the 111th Engineer Brigade.

They are Sgt. Maj. Keith Hammack, husband (second from right);  
Capt. Keith Hammack, Jr. , son (second from left); Spc. Casey Hammack, son (top);  
Sgt. Roy Hammack, brother-in-law(right), and Sgt. Casey Phalen, son-in-law (left).



# Our Responsibilities go Beyond the Bedside

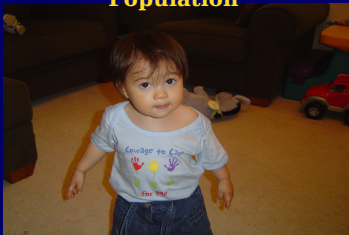




**A Skilled Force with  
Unique Education**



# New Systems to Serve Our Population



**The “Courage to Care” campaign was launched by USU’s Center for the Study of Traumatic Stress to raise awareness of the strength and courage required in parenting during stressful times.**



# Judah Folkman, M.D.



1933-2008

"In 1961, while conducting medical research in a U.S. Navy lab, Dr. Judah Folkman stumbled upon a hidden secret about how cancer grows. Before the decade was out, he was forming the theory that would occupy the rest of his professional life. He called that theory angiogenesis, and in it he postulated that tumors could not grow larger than the head of a pin without a blood supply. He also believed that the tumor secreted some mystery factor that stimulated new blood vessels to form, bringing nutrition to the tumor and allowing it to grow."

<http://www.pbs.org/wgbh/nova/cancer/folkman.html>, NOVA online, 2001





UNIFORMED SERVICES UNIVERSITY  
*of the Health Sciences*





## CRISIS AS OPPORTUNITY

**The Chinese word for "crisis" is made up of two parts: "danger" and "opportunity".**

**"Danger": originally pictured as a man on the edge of a precipice.**

**"Opportunity": a reminder of the seemingly small but important opportunity that can come out of danger.**





# Educational/Career Opportunities at USU



**"We at USU strive to have our student body reflect the diversity in the military"**

Commander Margaret Calloway, MC, USN  
*Associate Dean for Admissions and Recruitment*

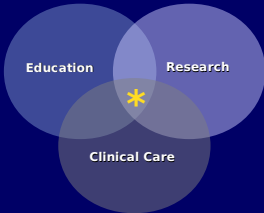


**"The wealth of research opportunities here is mind blowing...You have to cross cut if you want your research to have clinical relevance. Everyone here is so welcoming about collaborations and talking about research. It's a joy"**

Christine E. Kasper, Ph.D., R.N.



# The Academic Health Center of the 21<sup>st</sup> Century



**Unique Aspects of Military  
Medicine**

**NIH, FDA, CDC, Indian Health Service, VA, and others**

**Partnerships With Civilian Institutions**



